



2113

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 09/928,847A
Source: 6/PE
Date Processed by STIC: 2/19/2002

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual (ePAVE))
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



OIPE

RAW SEQUENCE LISTING

DATE: 02/19/2002

PATENT APPLICATION: US/09/928,847A

TIME: 14:36:23

Input Set : A:\10022204.ST25.txt

Output Set: N:\CRF3\02192002\I928847A.raw

Does Not Comply
Corrected Diskette Needed

P.S

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3 <110> APPLICANT: Novozymes A/S
4      Jorgensen, Steen T
5      Rasmussen, Michael D
6      Andersen, Jens Tonne
7      Olsen, Carsten
9 <120> TITLE OF INVENTION: Multiple Insertion of Genes
11 <130> FILE REFERENCE: 10022.204-US
13 <140> CURRENT APPLICATION NUMBER: 09/928847A
14 <141> CURRENT FILING DATE: 2001-08-13
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212 ttcttttggt cagggctgat gatcccgctg aaaatttccc tttctccgaa ctttttagta 1260
214 tgatgggaag gacgagtga acaaggaaca ggaagtgtca tg atg agc tta aaa 1314
215 Met Ser Leu Lys
216 1
218 cca ttc tat aga aag aca tgg gcc gaa atc gat tta acg gct tta aaa 1362
219 Pro Phe Tyr Arg Lys Thr Trp Ala Glu Ile Asp Leu Thr Ala Leu Lys
220 5 10 15 20
222 gaa aac gtc cgc aat atg aag cgg cac atc ggc gag cat gtc cgc ctg 1410

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231	Ala	Lys	Ala	Ala	Leu	Ala	Glu	Gly	Ala	Ser	Ile	Leu	Ala	Val	Ala	Leu	
232			55					60					65				
234	ttg	gat	gaa	gcg	ctt	tcg	ctg	agg	gcg	cag	ggg	att	gaa	gaa	ccg	att	1554
235	Leu	Asp	Glu	Ala	Leu	Ser	Leu	Arg	Ala	Gln	Gly	Ile	Glu	Glu	Pro	Ile	
236		70					75					80					
238	ctt	gtc	ctc	ggt	gca	gtg	ccg	acc	gaa	tat	gca	agc	att	gcc	gcg	gaa	1602
239	Leu	Val	Leu	Gly	Ala	Val	Pro	Thr	Glu	Tyr	Ala	Ser	Ile	Ala	Ala	Glu	
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244					105					110					115		
246	ctc	ggt	ttt	ctg	aat	gag	gcc	gaa	gct	cct	ctt	gaa	tat	cat	ttg	aag	1698
247	Leu	Gly	Phe	Leu	Asn	Glu	Ala	Glu	Ala	Pro	Leu	Glu	Tyr	His	Leu	Lys	
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251	Ile	Asp	Thr	Gly	Met	Gly	Arg	Leu	Gly	Cys	Lys	Thr	Glu	Glu	Glu	Ile	
252			135					140					145				
254	aaa	gaa	atg	atg	gag	atg	acc	gaa	tcg	aac	gat	aag	ctc	aat	tgt	acg	1794
255	Lys	Glu	Met	Met	Glu	Met	Thr	Glu	Ser	Asn	Asp	Lys	Leu	Asn	Cys	Thr	
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258	ggc	gtg	ttc	act	cat	ttc	gcc	acg	gcg	gac	gaa	aag	gac	acc	gat	tat	1842
259	Gly	Val	Phe	Thr	His	Phe	Ala	Thr	Ala	Asp	Glu	Lys	Asp	Thr	Asp	Tyr	
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274	ggt	ttg	gcg	ccg	tca	acc	gaa	ata	aaa	gac	gag	ctg	ccg	ttt	cgt	ctg	2034
275	Gly	Leu	Ala	Pro	Ser	Thr	Glu	Ile	Lys	Asp	Glu	Leu	Pro	Phe	Arg	Leu	
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278	cgg	gaa	gtg	ttt	tcg	ctt	cat	acc	gaa	ctc	acc	cat	gtg	aaa	aaa	att	2082
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284					265					270					275		
286	gac	gaa	tgg	atc	ggg	aca	gtc	ccc	gtc	ggg	tat	gcc	gac	gga	tgg	ctg	2178
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 290 agg cgc ctg gcc gga acg gaa gtg ctg atc gac gga aaa cgc caa aaa 2226
 291 Arg Arg Leu Ala Gly Thr Glu Val Leu Ile Asp Gly Lys Arg Gln Lys
 292 295 300 305
 294 ata gca ggg aga atc tgc atg gac cag ttc atg att tcc ctt gcc gaa 2274
 295 Ile Ala Gly Arg Ile Cys Met Asp Gln Phe Met Ile Ser Leu Ala Glu
 296 310 315 320
 298 gaa tac cct gtc ggc aca aag gtt acc ttg atc gga aag caa aaa gac 2322
 299 Glu Tyr Pro Val Gly Thr Lys Val Thr Leu Ile Gly Lys Gln Lys Asp
 300 325 330 335 340
 302 gaa tgg atc tca gtc gac gaa atc gcc caa aat ttg cag acg atc aat 2370
 303 Glu Trp Ile Ser Val Asp Glu Ile Ala Gln Asn Leu Gln Thr Ile Asn
 304 345 350 355
 306 tat gaa att acc tgt atg ata agt tca agg gtg ccc cgt atg ttt ttg 2418
 307 Tyr Glu Ile Thr Cys Met Ile Ser Ser Arg Val Pro Arg Met Phe Leu
 308 360 365 370
 310 gaa aat ggg agt ata atg gaa ata agg aat ccg atc ttg cct gat caa 2466
 311 Glu Asn Gly Ser Ile Met Glu Ile Arg Asn Pro Ile Leu Pro Asp Gln
 312 375 380 385
 314 tcc tgaaaattga tgaattagcg gaaaaacaac tttgcttgcg aaaagaataa 2519
 315 Ser
 318 tgatatgatt atgaatggaa tggatagagt gttgtatccg taagtttggt ggaggtgtat 2579
 320 gtttttgtct gaatccagcg caacaactga aatattgatt cgcttgccag aagctttagt 2639
 322 **atcagaactg gatggtgtcg tcatgcgaga taaccgggag cagganatga actgatttta** 2699
 324 ccaagccaca aaaatgtagg aacgcgaacg caaaaaatcg acaaattcgg ggaatcgatg 2759
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 364 20 25 30
 367 His Val Arg Leu Met Ala Val Val Lys Ala Asn Ala Tyr Gly His Gly

FYI -

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

This is an
 amino acid
 sequence
 Please correct
 this type of error
 in subsequent
 sequence.

VERIFICATION SUMMARY

DATE: 02/19/2002

PATENT APPLICATION: US/09/928,847A

TIME: 14:36:24

Input Set : A:\10022204.ST25.txt

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L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12

L:1415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49